

ATTACHMENT C
LABORATORY METHODS

APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
Benzene	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
BTEX	8020*	Aromatic Volatile Organics	602	Purgeable Aromatics
	8021*	Halogenated and Aromatic Volatiles	624	Purgeables
	8240	Volatiles	1624	Volatile Organic Compounds
	8260	Volatiles		
1,2-DCA	8010*	Halogenated Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
Ethylbenzene	8010*	Halogenated Volatile Organics	601	Halogenated Volatile Organics
	8021*	Halogenated and Aromatic Volatiles	624	Purgeables
	8240	Volatiles	1624	Volatile Organic Compounds
	8260	Volatiles		
MtBE	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
Naphthalene	8020*	Aromatic Volatile Organics	602	Purgeable Aromatics
	8021*	Halogenated and Aromatic Volatiles	624	Purgeables
	8100	Polynuclear Aromatic Hydrocarbons	1624	Volatile Organic Compounds
	8250	Semivolatile Organic Compounds		
Toluene	8270	Semivolatile Organic Compounds	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8310	Polynuclear Aromatic Hydrocarbons	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8260	Volatiles	524.2	Purgeable Organic Compounds
			550	Polycyclic Aromatic Hydrocarbons
			550.1	Polycyclic Aromatic Hydrocarbons
			610	Polynuclear Aromatic Hydrocarbons
			625	Base/Neutrals & Acids
			1625	Semivolatile Organic Compounds
Toluene	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
			602	Purgeable Aromatics
			624	Purgeables
			1624	Volatile Organic Compounds

* Water samples must be prepared using method 5030 (purge & trap extraction) if this test method is used.

APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
Xylene	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
EDB	8260	Volatiles	504	DW by Microextraction
			504.1	123TCP by Microextractin & GC
Polynuclear Aromatic Hydrocarbons	8310	Polynuclear Aromatic Hydrocarbons	610	Polynuclear Aromatic Hydrocarbons (High performance Liquid Chromatography)
Lead			239.2	Atomic Absrption Spectrometry (Graphite Furnace)
			200.8	Inductively Coupled Plasma Mass Spectrometry
			200.9	Atomic Absorption Spectrometry-Stabalized Temperature (Graphite Furnace) Method
Air Sample Analysis:				
40 CFR Ch. 1 (7-1-91 Edition) Part 60, Appendix A, Method 18 (Flexible Bag Procedure)				